In the Claims:

Please amend Claims 1, 2, 8, 15 and 21-24, and add new Claim 31, as shown below. Applicant respectfully reserves the right to prosecute any originally presented or canceled claims in a continuing or future application. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A system for providing two qualities of service from a single data stream, comprising:

(a) a storage space that stores at least one of a first quality of service choice and a second quality of service choice for each of a plurality of users;

(b) a processor programmed to receive a message in a data stream, make a determination of the quality of service choice for at least one of the plurality of users and direct the message to ~~data stream for~~ each user according to that user's quality of service choice;

(c) multicasting apparatus that receives the data stream from the processor and multicasts the data stream to each user for which the first quality of service choice is stored in said storage space; and

(d) a point-to-point device that receives the data stream from the processor and transmits the data stream utilizing a point-to-point protocol which ensures that each user for which the second quality of service is stored in said storage space receives the data stream;

wherein multicasting the data stream and transmitting the data stream utilizing the point-to-point protocol is performed such that a single message received to the system is transmittable via both qualities of service.

2. (Currently Amended) A system according to claim 1, further comprising a listener ~~adapted to listen~~ that listens for information sent in the data stream to one of the users of the system.

3. (Original) A system according to claim 1, further comprising a single API for providing instructions to the processor for both qualities of service.

4. (Original) A system according to claim 1, further comprising a thread of execution for each user selecting the multicast quality of service, the thread of execution listening on the user's behalf for a message on the multicast stream then delivering the message to the user.

5. (Previously presented) A system according to claim 2, further comprising a queue for each listener, allowing a user to receive messages for both qualities of service.

6. (Previously presented) A system according to claim 1, wherein said storage space stores separate choices for each user for multiple data streams.

7. (Original) A system according to claim 1, further comprising a filtering device allowing a user to filter out certain messages in the data stream.

8. (Currently Amended) A method for allowing a user to select a quality of service for message delivery, comprising:

(a) storing at least one of a first quality of service choice and a second quality of service choice for each user of the system;

(b) receiving one or more messages and processing each message received on a data stream using a single API and redirecting the message for each user according to that user's quality of service choice;

(c) multicasting the message to each user selecting the first quality of service; and

(d) sending the message directly to each user selecting the second quality of service via point-to-point protocol and ensuring that the user receives the message

wherein multicasting the message and transmitting the message via the point-to-point protocol is performed such that a single message received to the system is transmittable via both qualities of service.

9. (Original) A method according to claim 8, further comprising the step of filtering the messages received by a user by either quality of service.

10. (Original) A method according to claim 8, further comprising the step of providing a listener for each user to listen for messages on the user's behalf.

11. (Original) A method according to claim 8, further comprising the step of queuing messages sent to a user by either quality of service to be delivered one by one to the user.

12. (Original) A method according to claim 8, further comprising the step of tagging each message with a sequence number so that a user can tell if a message has been missed.

13. (Original) A method according to claim 8, further comprising the step of tagging each message so that a user can tell the data stream from which the message was received.

14. (Original) A method according to claim 9, further comprising the step of allowing a user to select filtering criteria to be used for the filtering.

15. (Currently Amended) A method for providing two qualities of service from a single data stream, comprising:

(a) storing at least one of a first quality of service choice and a second quality of service choice for each of a plurality of users;

(b) receiving one or more messages and directing each message received on the data stream for each user according to that user's quality of service choice;

(c) multicasting the message to each user selecting the first quality of service; and

(d) sending the message directly to each user selecting the second quality of service via point-to-point protocol and ensuring that the user receives the message;

wherein multicasting the data stream and transmitting the data stream utilizing the point-to-point protocol is performed such that a single message received to the system is transmittable via both qualities of service.

16. (Original) A method according to claim 15, further comprising the step of filtering the messages received by a user by either quality of service.

17. (Original) A method according to claim 15, further comprising the step of providing a listener for each user to listen for messages on the user's behalf.

18. (Original) A method according to claim 15, further comprising the step of queuing messages sent to a user by either quality of service to be delivered one by one to the user.

19. (Original) A method according to claim 15, further comprising the step of tagging each message with a sequence number so that a user can tell if a message has been missed.

20. (Original) A method according to claim 15, further comprising the step of tagging each message so that a user can tell the data stream from which the message was received.

21. (Currently Amended) A computer-readable medium, comprising:

(a) means for storing at least one of a first quality of service choice and a second quality of service choice for each user of the system;

(b) means for receiving one or more messages and processing each message received on a data stream using a single API and redirecting the message for each user according to that user's quality of service choice;

(c) means for multicasting the message to each user selecting the first quality of service; and

(d) means for sending the message directly to each user selecting the second quality of service via point-to-point protocol and ensuring that the user receives the message;

wherein multicasting the message and transmitting the message via the point-to-point protocol is performed such that a single message received to the system is transmittable via both qualities of service.

22. (Currently Amended) A computer program product for execution by a server computer for allowing a user to select a quality of service for message delivery, comprising:

(a) computer code for storing at least one of a first quality of service choice and a second quality of service choice for each user of the system;

(b) computer code for receiving one or more messages and processing each message received on a data stream using a single API and redirecting the message for each user according to that user's

quality of service choice;

(c) computer code for multicasting the message to each user selecting the first quality of service; and

(d) computer code for sending the message directly to each user selecting the second quality of service via point-to-point protocol and ensuring that the user receives the message

wherein multicasting the message and transmitting the message via the point-to-point protocol is performed such that a single message received to the system is transmittable via both qualities of service.

23. (Currently Amended) A system for allowing a user to select a quality of service for message delivery, comprising:

(a) means for storing at least one of a first quality of service choice and a second quality of service choice for each user of the system;

(b) means for receiving one or more messages and processing each message received on a data stream using a single API and redirecting the message for each user according to that user's quality of service choice;

(c) means for multicasting the message to each user selecting the first quality of service; and

(d) means for sending the message directly to each user selecting the second quality of service via point-to-point protocol and ensuring that the user receives the message;

wherein multicasting the message and transmitting the message via the point-to-point protocol is performed such that a single message received to the system is transmittable via both qualities of service.

24. (Currently Amended) A computer system comprising: a processor;

object code executed by said processor, said object code configured to:

(a) store at least one of a first quality of service choice and a second quality of service choice for each user of a system;

(b) receive one or more messages and process each message received on a data stream using a single API and redirecting the message for each user according to that user's quality of service choice;

(c) multicast the message to each user selecting the first quality of service; and

(d) send the message directly to each user selecting the second quality of service via point-to-point protocol and ~~ensuring~~ ensure that the user receives the message

wherein multicasting the message and transmitting the message via the point-to-point protocol is performed such that a single message received to the system is transmittable via both qualities of service.

25. (Previously Presented) The system of claim 1, wherein the point-to-point device ensures that each user receives the data stream by receiving a response from that user, which delivers an acknowledgment of the receipt of data.

26. (Previously Presented) The method of claim 8, wherein the step of ensuring that the user receives the message includes receiving a response which delivers an acknowledgment of the receipt of data from that user.

27. (Previously Presented) The method of claim 15, wherein the step of ensuring that the user receives the message includes receiving a response which delivers an acknowledgment of the receipt of data from that user.

28. (Previously Presented) The computer-readable medium of claim 21, wherein the means for ensuring that the user receives the message includes receiving a response which delivers an acknowledgment of the receipt of data from that user.

29. (Previously Presented) The computer program product of claim 22, further comprising:

computer code for receiving a response from each user selecting the second quality of service, which delivers an acknowledgment of the receipt of data.

30. (Previously Presented) The system of claim 23, further comprising:

ensuring that each user selecting the second quality of service receives the message by receiving a response from that user, which delivers an acknowledgement of the receipt of data.

31. (New) The system of claim 1, wherein the single message is transmitted to a single user by

both multicasting the single message and by transmitting the single message utilizing the point-to-point protocol.